



02910.000100

## PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
SHIGEKI YABU, ET AL. )  
Application No.: 10/716,664 ✓ )  
Filed: November 20, 2003 )  
For: DISPLAY DEVICE AND DRIVING)  
AND CONTROLLING METHOD :  
THEREFOR )  
Examiner: Unassigned  
Group Art Unit:  
February 17, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed below and on the enclosed Form PTO-1449. Copies of the listed documents are also enclosed.

## FOREIGN PATENT

<u>Patent No.</u>	<u>Country</u>	<u>Publication Date</u>
2002-170483	Japan	June 14, 2002
2002-150925	Japan	May 24, 2002

### REMARKS

Each of the references listed on the Form PTO-1449 is cited at page 2 of the specification. The JP '483 and '925 references are cited at page 51 of the specification, respectively, and are believed pertinent for the reasons set forth therein. English translations of the Japanese documents are not presently available to Applicants' attorney, but may be provided if required by the Examiner. An English abstract for each of the JP '483 and JP '925 references obtained from a commercial database also is enclosed as an English language statement of relevance for the Examiner's consideration.

### FEE STATEMENT

The present Information Disclosure Statement is being filed within three months of the filing date of the present application, or prior to the mailing of an initial official action. Accordingly, Applicants believe that no fee is required. Nevertheless, the Commissioner is authorized to charge any fee necessitated by this paper to Deposit Account No. 06-1205.

### CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our Washington D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

  
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Attorney for Applicants

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U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

Date Submitted: February 17, 2004

ATTY DOCKET NO.  
**02910.000100**APPLICATION NO.  
**10/716,664**

APPLICANT

**SHIGEKI YABU, ET AL.**

FILING DATE

**November 20, 2003**

GROUP

**Unassigned**

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	<b>5,563,624</b>	<b>10/1996</b>	<b>IMAMURA</b>	<b>345</b>	<b>100</b>	
	<b>5,592,191</b>	<b>01/1997</b>	<b>TSUBOYAMA, ET AL.</b>	<b>345</b>	<b>97</b>	
	<b>2002/0047513</b>	<b>04/2002</b>	<b>NOMURA</b>	<b>313</b>	<b>495</b>	
	<b>2002/0074947</b>	<b>06/2002</b>	<b>TSUKAMOTO</b>	<b>315</b>	<b>169.3</b>	
	<b>6,400,091</b>	<b>06/2002</b>	<b>DEGUCHI, ET AL.</b>	<b>315</b>	<b>169.1</b>	
	<b>6,437,503</b>	<b>08/2002</b>	<b>KONUMA</b>	<b>313</b>	<b>495</b>	

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
	<b>2002-170483</b>	<b>06/2002</b>	<b>Japan</b>			<b>Abstract</b>
	<b>2002-150925</b>	<b>05/2002</b>	<b>Japan</b>			<b>Abstract</b>

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	<b>C.A. Spindt, et al., "Physical Properties of Thin-Film Field Emission Cathodes with Molybdenum Cones", J. Appl. Phys., Vol. 47, No. 12, pp. 5248-5263 (December 1976).</b>
	<b>C.A. Meade, "Operation of Tunnel-Emission Devices", J. Appl. Phys. Vol. 32, No. 4, pp. 646-652, (1961).</b>
	<b>M. I. Elinson, et al., "The Emission of Hot Electrons and the Field Emission of Electrons from Tin Oxide", Radio Eng. Electron Phys. Vol. 10, pp. 1290-1296, (July 1965).</b>

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 1 of 1